

This report summarizes the time-dependent portion of your electricity charges, the portion of the charges dependent on your usage patterns. It also compares your charges relative to those of others in your “peer group” – those within the same North American Industry (NAICS) code and subscribed to the same time of use rate (TOU). It is provided to you for your information and as a backdrop for the conversation with Southern California Edison (SCE) to find opportunities for savings.

The analysis is performed by back-casting your last year’s consumption to the rates currently in effect. As such, it is a forecast of your future payments, not an accurate replica of your earlier ones.

Components of the Bill

The time-dependent part of an electric bill has three main components: energy charges, facility charges, and demand charges. The first component - energy charges - are collected to recover your utility’s cost to procure electricity. They are calculated by multiplying your consumption over a given time interval by the price of electricity at the same interval and summing these charges over the billing period (typically a calendar month). The remaining two components are the makeup of these charges for the year and by month are shown in Figures ?? and ??, respectively.

Note that the demand charges are collected only in the four summer months, yet they account for 55.3% of the total annual bill. The expected annual charges by bill component are summarized in Table ??.

Table 1: Components of Annual Electric Bill

| Bill component | Amount [\$] |
|----------------|-------------|
| Facility | 23898.56 |
| Energy | 30697.24 |
| Demand | 14123.55 |
| Total | 68719.35 |

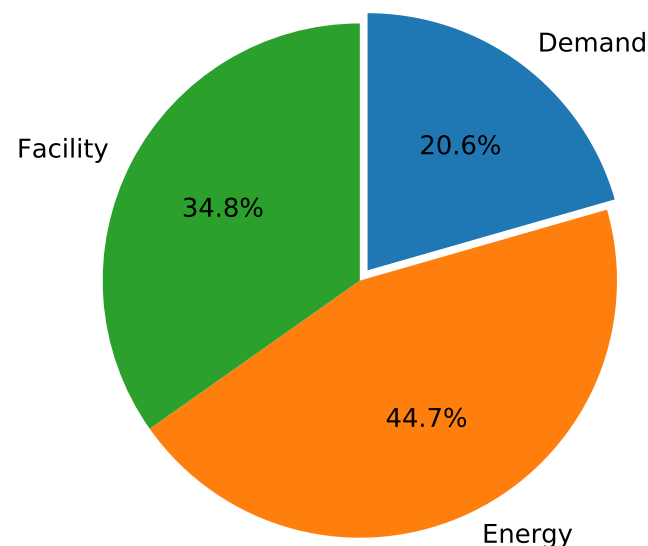


Figure 1: Makeup of annual charges

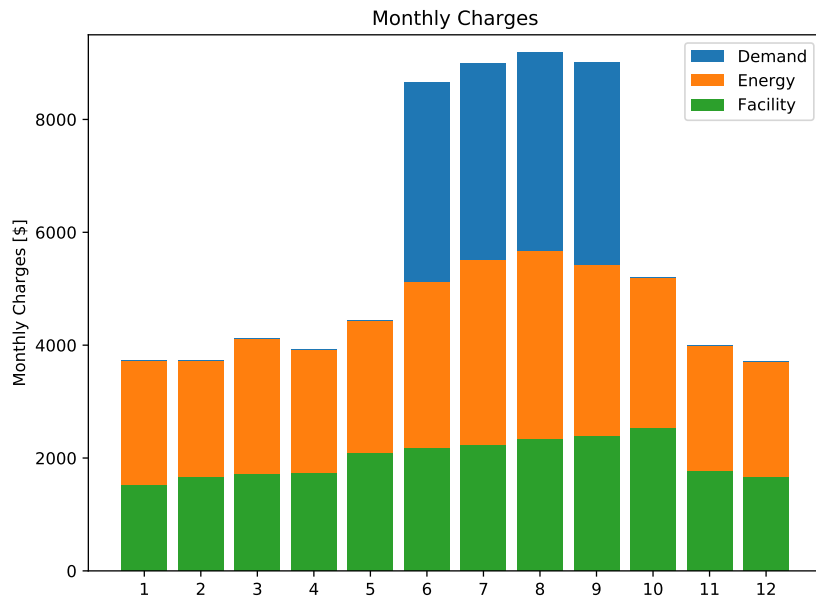


Figure 2: Makeup of monthly charges

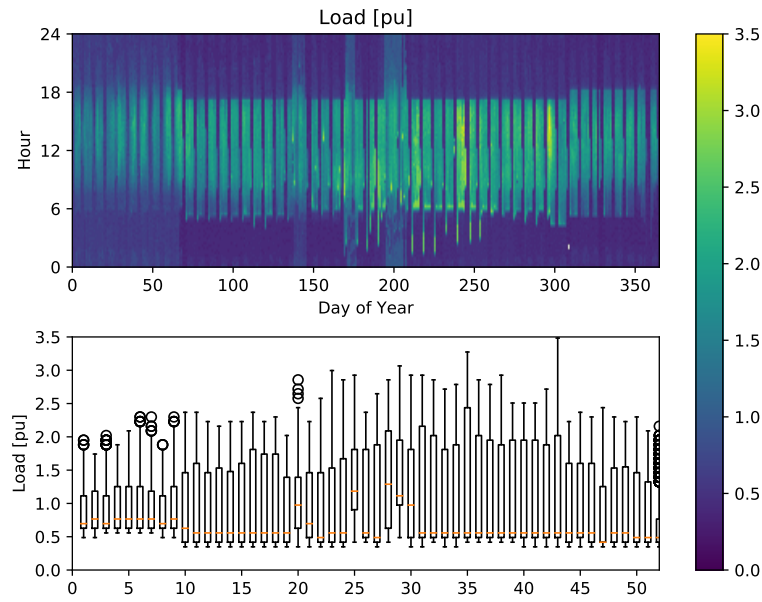


Figure 3: Normalized consumption for UW52UN

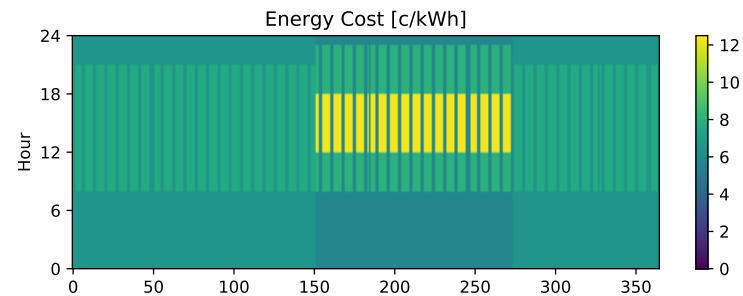


Figure 4: Energy price on TOU-GS3-B

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Table 2: Monthly Energy Charges

| Month | Charge [\$] | Month | Charge [\$] |
|---------|-------------|-------|-------------|
| Jan | 2205.09 | Jul | 3276.81 |
| Feb | 2042.60 | Aug | 3332.83 |
| Mar | 2395.34 | Sep | 3031.81 |
| Apr | 2193.82 | Oct | 2661.84 |
| Jun | 2947.92 | Nov | 2217.32 |
| May | 2350.80 | Dec | 2041.04 |
| Average | 2558.10 | | |

Peer performance

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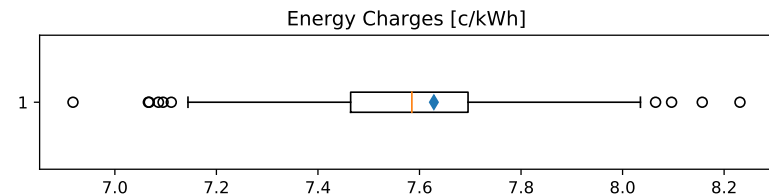


Figure 5: Average annual energy price for UW52UN compared to peers

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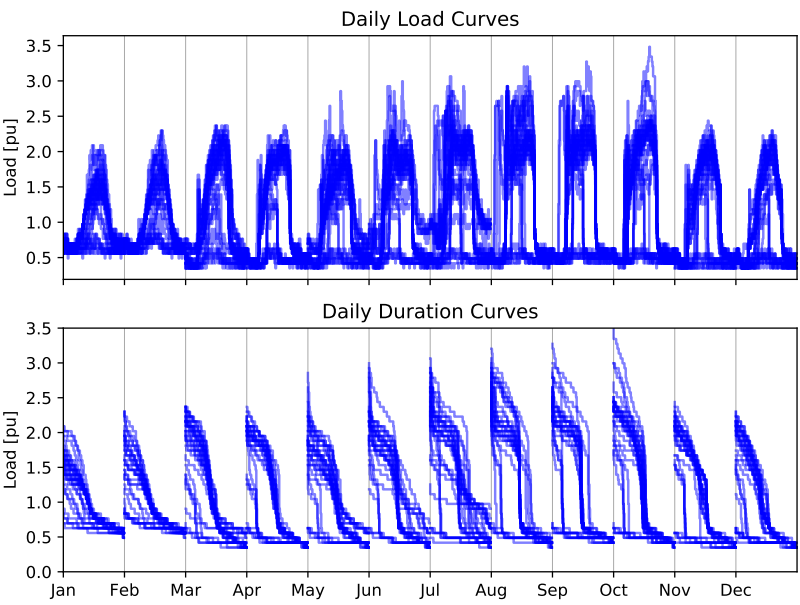


Figure 6: Normalized load and demand profiles for UW52UN

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Peer performance

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Table 3: Monthly Demand Charges

| Month | Charge [\$] | Month | Charge [\$] |
|---------|-------------|-------|-------------|
| Jan | 1525.44 | Jul | 5718.56 |
| Feb | 1677.98 | Aug | 5862.91 |
| Mar | 1728.83 | Sep | 5976.52 |
| Apr | 1728.83 | Oct | 2542.40 |
| May | 2084.77 | Nov | 1779.68 |
| Jun | 5718.20 | Dec | 1677.98 |
| Average | 3168.51 | | |

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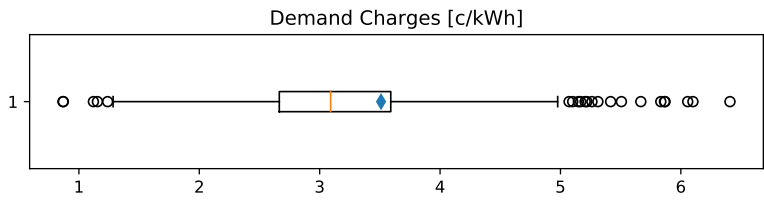


Figure 7: Average annual demand price for UW52UN compared to peers